



Vehicle description for: TGM 18.250 4x4 BB CH



Illustration can deviate

Vehicle standards		
	Product family	The new MAN Truck Generation
	Model & Variant	TGM 18.250 4x4 BB CH
	Engine family	D08R6
	Vehicle type	Vehicle type, platform truck and chassis (LK)
	Cab	DN cab: the crew cab (narrow, extra long, normal height)
	Main wheel distance	4200 mm
	Overhang	2125 mm
	Steering configuration	Left

Vertical Load		
	National Registration	Technical Load
Gross weight	17,500 kg	18,600 kg
Front axle	7,100 kg	7,100 kg
Rear axle	11,500 kg	11,500 kg

Horizontal Load		
	National Registration	Technical Load
Gross train weight	0 kg	0 kg



The printed images in this offer are for explanatory purposes and may differ from the actual configuration.
For further product information on the tire selection "selectively", please contact our sales staff.

Vehicle characteristics

Basic characteristics

☐	Municipal vehicle version	0PBX1
☐	Chassis	0P2U9
☐	Chassis class, light/medium	0P2UB
☐	Destination: Jordan (JO)	0P3GV
☐	Merchant tonnage 18 t	0P8LF
☐	Basic layout of vehicle, all-round	0PGCU
☐	Frame type, high	0P2TP
☐	Vehicle type, platform truck and chassis (LK)	0P2UQ
☐	Left-hand-drive	0P3AS
☐	Right-hand traffic	0P3F5
☐	Vehicle documents in Arabic	0P2L0
☐	Labelling in English	0P8NM
☐	Cab position 480 mm (distance from frame lower edge to cab floor)	0PHBC

Registration

☐	Vehicle approval, N3G class	0P3JS
☐	Maximum speed limiter, 89 km/h, tolerance +1 km/h, electronic, engine speed regulation	0P2UJ
☐	Maximum vehicle noise level, 82 dB in acc. with UN/ECE-R 51.02	0PIND
☐	Height over cab, unloaded up to 4,000 mm	0PHA1
☐	Vehicle classification in accordance with regulation (EU) 2018/858	0PKAW

Documents

☐	European standard exhaust emission confirmation	0P2Q7
☐	Body manufacturer information sheet	0P2TN
☐	Without registration documentation, national	0P3B0

Application scope / transport tasks

☐	Special applications	0P6WS
☐	311 Loading platform with crane	0P2RY
☐	Temperature range, vehicle deployment, warm country	0PHIB
☐	Case hardness of final drive Distribution	0P4F0
☐	Oil sump for gradeability, up to 60%	0P4F2

Lines, editions and packages

☐	Special request paintwork	0PJTD
☐	Without Individual Lion package	0PJT1

Horizontal and vertical loads

☐	17,500 kg permitted gross load, vertical, nat. appr.	0P5O8
☐	18,600 kg permitted gross load, vertical, tech.	0P5S7
☐	18,600 kg permitted gross load, vertical, tech. Plus	0P8GT
☐	7,100 kg permitted load on front axle, nat. appr.	0P5KQ
☐	7,100 kg permitted load on front axle, tech.	0P5LK
☐	7,100 kg permitted load on front axle, tech. Plus	0P8DY
☐	11,500 kg permitted load on rear axle NatZu	0P5G7



☐	11,500 kg permitted load on rear axle, tech.	0P5IJ
☐	11,500 kg permitted load on rear axle, tech. Plus	0P8BN
☐	0kN D value	0P8XD

Notification texts

☐	Note: Restricted steerability with engaged differential lock on front axle	0PFZN
☐	Note: Max. 24,000 kg tech. permitted gross weight with engaged off-road reduction ratio in transfer case	0PFZR
☐	Note: Difference of more than 2% in FA/RA rolling circumference may lead to perceptible tension in the driveline.	0PHCX
☐	Without note (propshaft wear)	0PJRV

Chassis

Vehicle frame (wheelbase, overhang, ...)

☐	Main wheelbase, 4,200 mm	0P2ZQ
☐	Frame overhang, rear, 2,125 mm	0P3DL
☐	Main frame side member thickness, 8 mm	0P0Y6
☐	Vehicle rear, straight end of frame	0P0XT

Exhaust system, air intake

☐	Exhaust silencer, side, right	0P1BH
☐	Exhaust tailpipe, towards middle of frame	0P1BT
☐	Air intake, behind cab, raised	0P0AY
☐	Exhaust silencer cover (styling)	0PHCV

Battery cases, batteries, alternator

☐	Battery, 12 V, 175 Ah, 2 units, maintenance free	0P0WA
☐	Three-phase alternator 28 V, 120 A, 3,360 W, Longlife Eco	0P1BW
☐	Medium battery box, 2 batteries	0P0WU
☐	Battery box, left	0P0WO
☐	Main battery switch, mechanical	0P0WF
☐	Safety cut-out	0P1V2

Tanks and fuel line

☐	Fuel tank capacity 300 l, right	0P4E8
☐	Fuel tank, right, steel	0P4GN
☐	Tank cross-section, right, low	0P4HF
☐	AdBlue tank capacity 27 l, right	0P4CY
☐	AdBlue tank, right, plastic	0P4HU
☐	Fuel tank cap, lockable for master key system	0P4H5
☐	Cap for AdBlue tank, lockable	0P4GE
☐	Fuel pre-filter on the frame	0PKN2

Frame attachments

☐	Without underride protection, front	0P1FM
☐	Without working platform	0P0VH
☐	Without underride protection, side	0P1FG
☐	Spare wheel, provisionally mounted	0P1GR



☐	Final cross member, with hole pattern 160 x 100 mm	0P1SB
☐	Underride protection, rear, round	0P1FD
☐	Wheel chock, 1 unit, with retaining device	0P1FO
☐	Without body attachment brackets/thrust plates	0P0X6

Pneumatic brakes, compressed-air generation, brake system

☐	Air compressor, 1-cylinder, 238 ccm	0P0AD
☐	Air dryer, heated	0P0B2
☐	Compressed-air treatment, pneumatically controlled	0P0AB
☐	Steel compressed-air tank	0P0XH
☐	Electronic brake system (EBS)	0P0BL
☐	Anti-lock braking system (ABS)	0P0BE
☐	Full brake assistant	0P0CM
☐	Without preparation for EBS Full control unit	0PHPM
☐	Engine brake, exhaust flap	0P0BU
☐	Drum brakes on front axle	0P1IA
☐	Drum brakes on rear axle	0P1I5
☐	Parking brake control, next to driver's seat	0P3KH
☐	Parking brake with spring-type actuator on rear axles (incl. leading axle/ trailing axle)	0PGBL
☐	Parking brake, on front axle(s), pneumatic, additional, exhaustible	0P0C1
☐	Hill-climbing brake braking function	0P1TD

Lights and acoustic signals on the chassis (rear lights, ...)

☐	Rear lights	0P2AQ
☐	Acoust. Reversing warning system when reverse gear selected	0P3CD
☐	Light function test	0P2AD
☐	Side marker lights, LED	0P2BJ

Driveline/running gear

Engine, radiator

☐	Diesel engine MAN D0836 LFL95, 184 kW (250 hp) output, 1,050 Nm torque, Euro 4	0P5ZG
☐	Fuel filter, heated, for fuels up to Cleanliness Class 21	0PHIF
☐	Fuel pre-filter, with oil separator/water trap, heated	0P0AU
☐	Without torque reduction	0P0G5
☐	Engine dry-air filter, with safety insert	0P0B8
☐	Ventilation, crankcase, closed	0P8PM
☐	Anti-noise skirt, engine	0P2E7
☐	Engine cooler, normal length	0P4XX
☐	Radiator protection, lower	0P1XE
☐	Engine oil dipstick and digital oil level gauge	0P0B6
☐	Antifreeze, down to -32 °C	0P0AK
☐	Service product level indicator and intake system vacuum	0P3KT

Gearbox, clutch

☐	Manually operated gearbox, MAN 09.13 OD	0P5VE
☐	Gearbox for normal percentage of overrun during driving operation	0PGDA
☐	Manual gearbox operation, Single-H, group switch	0P3KM



☐	Transfer case MAN G102 with on-road and off-road gear	0P4XH
☐	Transfer case lock management, electronic (VSM)	0P0FU
☐	Single-disc clutch, 395 mm, dry	0P0DS

Wheels, tyres

☐	Required tyre speed index G	0PFWA
☐	Tyres for front axle, Goodyear 295/80R22.5 OMNITRAC S Steering-Road+Offroad TL	0PGJZ
☐	Rim type, front axle, steel, single-part	0P0P0
☐	Rim size, front axle, 10-hole, 9.00x22.5	0P0NI
☐	Wheel nut cover ring, front axle	0P0PR
☐	Tyres for rear axle, Goodyear 295/80R22.5 OMNITRAC D Drive-Road+Offroad TL	0PGEB
☐	Rim type, rear axle, steel, single-part	0P0OO
☐	Rim size, rear axle, 10-hole, 8.25x22.5	0P0MQ
☐	Spare wheel, in accordance with configuration for front axle tyres	0P0MH
☐	Tyre inflation hose, 20 m, with pressure gauge	0P1UA

Axles

☐	4x4	0P3B2
☐	Steering ratio, standard	0P1JX
☐	Steering oil tank with electrical measuring sensor	0P1JV
☐	Front axle, 9,000 kg, planetary axle without drive shaft, straight, steered, not liftable	0P5ES
☐	Front axle as planetary axle, driven, engageable	0P1GY
☐	Mudguard, front axle	0P1AT
☐	Rear axle, 13,000 kg, planetary axle without drive shaft, straight, not steered, not liftable	0P4ZN
☐	Twin tyre on rear axle	0P1HN
☐	Transfer mudguard, rear axle	0P1AQ
☐	Axle ratio, $i = 5.33$	0P0DD
☐	Differential locks on driven rear axles	0P0DI
☐	Differential locks on driven front axles	0P0DK
☐	Warning buzzer when front axle locks are engaged	0P0DQ
☐	Mudguard enlargement	0P1W5

Axle control system and suspension

☐	Suspension type for front axles and driven rear axles, leaf/leaf (BB)	0P2YB
☐	Leaf-spring suspension on front axle, parabolic, 2-leaf, steel	0P1JD
☐	Leaf-spring suspension on rear axle, parabolic, 4-leaf, steel	0PGBF
☐	Spring load-bearing capacity front axle 7,500 kg	0P5CZ
☐	Spring load-bearing capacity of rear axle, 11,500 kg	0P5BT
☐	Shock absorbers on front axle	0P1M4
☐	Shock absorbers on rear axle	0P1LQ
☐	Stabiliser, front axle	0P1LD
☐	Stabiliser, rear axle	0P1LA
☐	Axle location system not as wishbone	0P6ZY
☐	Without trailer air suspension control	0PHN2

Cab

Cab and cab exterior



☐	DN cab: the crew cab (narrow, extra long, normal height)	0P2DE
☐	Cab mount, Comfort	0P1V9
☐	Cab tilt mechanism, manual	0P1V6
☐	Tilting roof, mechanical	0P1VW
☐	Bumper, steel, 3 pieces	0P1SG
☐	Front step, integrated, with grab option	0P1VE
☐	Windscreen, composite safety glass, tinted	0P1X0
☐	Sunblind, in front of windscreen	0P1WK
☐	Wiper system for windscreen	0P1WG
☐	Wiper activation, manual	0P1UL
☐	Step unit, hinged	0P1V0
☐	Central locking, no remote control	0P1WS
☐	Vehicle key, 2 units	0P3JT
☐	No door extension	0P1WV
☐	Door labelling, according to trade tonnage of vehicle	0P2DQ
☐	Door windows, tinted	0P1WO
☐	Door window, safety glass	0P1WM
☐	Cab rear wall, no window	0P1VD

Lights and acoustic signals on cab exterior (headlights, horn, ...)

☐	Without light and headlight package	0PKWU
☐	Front headlights, H7	0P1ZN
☐	Daytime driving lights with rear lights, LED	0P2BQ
☐	Fog lights, H7	0P2AH
☐	Turn signal lights, sides, bulb	0P1Z6
☐	Headlight beam regulator, manual	0P2AC
☐	Driving-light control, manual	0P1ZF
☐	Contour lights, bulb, 2 units	0P2BT
☐	Comfort indicator function, can be activated	0P1ZW
☐	Horn, single-tone, electrical	0P1W0
☐	Switch and electrical interface at cab isolation point for revolving beacon at rear of vehicle	0PJRN

Mirrors and mirror replacements

☐	Without mirror package	0PKWV
☐	Exterior rear-view mirror, electrically adjustable	0P2CA
☐	Kerb mirror, right, electrically adjustable	0P2CG
☐	Front mirror, mechanical adjustment	0P2CJ
☐	Mirror housing, not painted	0P2CP
☐	Vehicle components, suitable for body width larger than 2,400 mm to 2,600 mm	0P2CT

Seats

☐	Seat covers, fabric, standard	0P2PQ
☐	Without driver's seat package	0PKXV
☐	Comfort driver's seat, air-sprung	0P2P2
☐	Driver's seat heating	0P2PX
☐	Adjustment of seat belt height, driver's seat	0P4XQ
☐	Without co-driver's seat package	0PKXU
☐	Comfort co-driver's seat, air-sprung	0P2OK
☐	Crew area without seats, slotted floor, for subsequent installation of seating options	0P2Q0



- | | |
|--|-------|
| ☐ Indicator, seat belt, 1st row of seats, acoustic and visual | 0P8L1 |
|--|-------|

Driver's workplace

- | | |
|--|-------|
| ☐ Multi-function steering wheel, adjustable height and angle | 0P2GD |
| ☐ Steering wheel, with parking position | 0P2GE |
| ☐ Steering lock | 0P3JZ |
| ☐ Instrumentation, Basic km/h | 0P3L3 |
| ☐ Analogue tachograph, CONTINENTAL | 0P2KW |
| ☐ Tachograph, calibrated | 0P2KG |
| ☐ Socket, cab centre, 2 units, 12 V and 24 V | 0P2HX |
| ☐ Cigarette lighter | 0P2IH |
| ☐ Control panel MAN EasyControl Engine, 2 functions, operable from outside with door open | 0PGB5 |
| ☐ Single DIN slots, 4 units, roof space, front | 0P2FJ |
| ☐ Without storage tray next to seat | 0PJRS |

Cab air-conditioning system

- | | |
|---|-------|
| ☐ Air-conditioning system, manual | 0P2NU |
| ☐ Pre-separator (cyclone filter) for interior air intake | 0P2O7 |

Cab interior

- | | |
|--|-------|
| ☐ Colour scheme for interior styling, dark | 0P2I6 |
| ☐ Interior styling analogous to colour scheme | 0PGBT |
| ☐ Without driver's workplace package, Comfort | 0PKXT |
| ☐ Windscreen roller blind, internal | 0P2FE |
| ☐ Without interior lighting package | 0PKNF |
| ☐ Interior light, central | 0PHA6 |
| ☐ Reading light, 1 unit, driver's side | 0P2IQ |
| ☐ Entry lighting | 0P2IO |
| ☐ Entry handles, standard | 0PHPK |
| ☐ Door interior cladding, washable | 0P2IA |
| ☐ Without stowage and storage space package | 0PKXS |
| ☐ Storage, instrument panel in middle section, open | 0P2HK |
| ☐ Multi-purpose storage box, centre of crew cab, in front of 2nd row of seats | 0P2ES |
| ☐ Grab handle, above door, internal, 2 units, 1 right and 1 left | 0P2G2 |

Accessories and tools

- | | |
|--|-------|
| ☐ Without accessories and tools package | 0PKXA |
| ☐ Vehicle toolkit | 0P2TX |
| ☐ First aid kit | 0P3F3 |
| ☐ Warning triangle, 1 units | 0P3FI |
| ☐ Hazard warning light, 1 units, with continuous light function | 0P3FF |
| ☐ Jack, 10,000 kg | 0P3F7 |

Intelligent Truck

Assistance systems

- | | |
|---|-------|
| ☐ Electronic Stability Program (ESP) | 0P1TN |
| ☐ Anti-slip control (ASR) | 0P1T2 |



☐	Tempomat (cruise control, CC)	0P1TR
☐	Road speed limiter, adjustable, limiter (engine speed regulation)	0P0C3
☐	Without advanced emergency braking system	0P1U5
☐	Without driving fitness detection system	0PHN5
☐	Without Front Detection	0PHNA
☐	Without traffic sign recognition	0PHNE
☐	Without Reversing Motion System	0PHNV
☐	Without distance warning system	0PKA0

Infotainment (radio,...)

☐	Radio preparation, 12 V	0P2M4
☐	Loudspeaker, door, 2 units, 1 left and 1 right	0P2ME
☐	No navigation map	0P2N2
☐	English additionally for display	0P2JQ

Bodies/interfaces

Interfaces to semitrailer (e.g. fifth-wheel coupling, brake connection,...)

☐	Without trailer brake connection behind cab	0P1O3
☐	No fifth-wheel coupling	0P1RJ
☐	Without sensing of the fifth-wheel coupling	0PHN7

Interfaces to trailer (e.g. trailer coupling, brake connections,...)

☐	Without trailer/towing coupling on final cross member	0P1NQ
☐	Without trailer brake connection at end of frame, centre	0P1O0
☐	Without trailer socket at frame end	0P1OW
☐	Without trailer socket for anti-lock brake system (ABS)	0P1O9

Ex works bodies and interfaces to bodies (e.g. tipper indicator...)

☐	Preparation for engine start/stop facility, under front panel	0P0K8
☐	Interface for data exchange with body (customer-specific control module) and intermediate engine speed (ZDR), front area of cab and behind cab	0PHPE
☐	Interface for vehicle data (FMS)	0P2J3
☐	Y-adapter for rear lights	0P2C1
☐	Electrical preparation for keypad, body control	0PINX

PTOs

☐	Without fan wheel for PTO, gearbox-dependent	0P4VR
☐	Sector-specific parameterisation, general	0P4X0

Towing, recovery and lashing

☐	Central coupling jaw, integrated in bumper/front cross member, with lock pin	0P1MK
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Paintworks

Paintwork, cab, top

☐	Top coating, cab	0P6YB
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Paintwork, cab, bottom



☐	Textured coating, step units	0P6X9
☐	Textured coating, mudguard, behind cab	0P6YG
☐	Textured coating, bumper, steel	0P6YQ

Paintwork, chassis

☐	Top coating, chassis	0P6YC
☐	Top coating, rims, steel, white-aluminium	0P6YL

Colour

☐	Top coating, chassis	GRAPHITE BLACK RAL 9011	W
☐	Top coating, cab	TRAFFIC WHITE RAL 9016	N



Technical data: TGM 18.250 4x4 BB CH / L38DAA03

Vehicle type: Vehicle type, platform truck and chassis (LK)

Cab: DN cab: the crew cab (narrow, extra long, normal height)

Drive Type: 4x4

Lengths		mm
TD071	Total length	7007.0
TD063	Front vehicle overhang	1607.0
TD057	Wheelbase between front axles	0
TD058	Wheelbase between leading axle and rear axle	0
TD059	Wheelbase between rear axles	0
TD060	Wheelbase between rear axle and trailing axle	0
TD064	Rear frame overhang	725.0
TD072	Distance from first front axle to body	1173.0
TD067	Distance to kingpin from front axle, nominal position	3525.0
TD074	Slew radius, front	2560.0
TD075	Slew radius, rear	2212.0
TD068	Coupling length	-

Widths		mm
TD008	Width included rearview mirror	2981.0
TD001	Width over cab	2440.0

Frame		mm
TD009	Frame width at front	942.0
TD010	Frame width at the rear	762.0
TD078	Frame profile	270 x 85 x 8

Heights		mm
TD033	Maximum external height, unladen	3958.0
TD082	Total transport height, unladen	3958.0
TD034	Maximum external height, laden	3891.0
TD035	Frame height at theoretical rear wheelbase, unladen	1011.0
TD036	Frame height at theoretical rear wheelbase, laden	981.0
TD045	Raising from driving position, front	0.0
TD046	Lowering from driving position, front	0.0
TD047	Raising from driving position, rear	145.0
TD048	Lowering from driving position, rear	90.0
TD051	Height of fifth-wheel coupling above ground, unladen	1320.0
TD052	Height of fifth-wheel coupling above ground, laden	1290.0

Circle dimensions		m
TD055	Track circle diameter	Error: 204
TD056	Wall-to-wall turning circle diameter	Error: 204

Weights/loads		kg
TD026	Chassis weight with cab	8686.0
TD027	Chassis weight, front	Error: 201
TD028	Chassis weight, rear	Error: 201
TD029	Payload	Error: 201
TD018	Statutorily permissible gross vehicle weight	17500
TD025	Technically permissible gross vehicle weight	18600
TD031	Statutorily permissible gross train weight	0
TD032	Statutorily permissible trailer load	0

The technical data must be considered as an approximation. Some of the values are given in a simplified form. More detailed notes and descriptions can be found in the respective information in the overview. Contents and specifications have been compiled with the greatest possible care. Nevertheless, we do not assume responsibility for the data and values supplied being correct and up to date. Subject to errors and changes. MAN Truck & Bus AG is liable only in cases of intent, gross negligence or culpable breach of significant contractual obligations.